 <p>Modified Form 1449/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p>	Application Number	10/677,092
	Filing Date	09/30/03
	First Named Inventor	Labrec
	Group Art Unit	1796
	Examiner Name	Sanza L. McClendon
	Attorney Docket Number	38820-534001US

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
U.S. PUBLISHED APPLICATION DOCUMENTS							
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
		CA 2235002	AT & T CORP	12/18/98	
		CH 689680	ELECTROWATT TECH INNOVAT CORP	08/13/99	
		DE 2943436	SZEPANSKI WOLFRAM DR ING	05/07/81	
		DE 3806411	THOMSON BRANDT GMBH	09/07/89	
		EP 0058482	BRITISH TELECOMM	08/25/82	
		EP 0279104	SEIKO INSTR INC	08/24/88	
		EP 0372601	PHILIPS NV	06/23/90	
		EP 0411232	IBM	02/06/91	
		EP 0441702	TELEDIFFUSION FSE	08/14/91	
		EP 0479265	DIENES APPARATEBAU GMBH	04/08/92	
		EP 0493091	XEROX CORP	07/01/92	
		EP 0581317	INTERACTIVE HOME SYSTEMS	02/02/94	
		EP 0629972	HEWLETT PACKARD CO	12/21/94	
		EP 0637514	NIPPON KAYAKU KK [JP] ; KANSAI PAINT CO LTD [JP]	02/08/95	
		EP 0642060	TOKYO SHIBAURA ELECTRIC CO	03/08/95	
		EP 0650146	EASTMAN KODAK CO	04/26/95	
		EP 0697433	GEN ELECTRIC	02/21/96	
		EP 0705025	EASTMAN KODAK CO	04/03/96	
		EP 0734870	FUJI PHOTO FILM CO LTD	10/02/96	
		EP 0739748	MINNESOTA MINING & MFG	10/30/96	
		EP 0975147	EASTMAN KODAK CO	01/26/00	
		EP 0991014	TOPPAN FORMS CO LTD	04/05/00	
		EP 1035503	SIHL GMBH	09/13/00	
		EP 1041815	CANON KK	10/04/00	
		EP 1077570	ACADEMIA SINICA	02/21/01	

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
		EP 1134710	EASTMAN KODAK CO	09/19/01	
		EP 1147495	GOVERNOR AND COMPANY OF BR THE	10/24/01	
		EP 1173001	EASTMAN KODAK CO	01/16/02	
		EP 1202250	SONY CORP	05/02/02	
		EP 1909971	SCHOTT AG	04/16/08	
		EP 190997A	CIBA GEIGY AG	08/13/86	
		GB 1088318	GEN ELECTRIC	10/25/67	
		GB 1472581	LICENTIA GMBH	05/04/77	
		GB 2063018	GEN ELECTRIC CO LTD	05/28/81	
		GB 2067871	MARCONI CO LTD	07/30/81	
		GB 2132136	METAL BOX PLC	07/04/84	
		GB 2196167	EMI PLC THORN	04/20/88	
		GB 2204984	JENKINS JOHN HENRY	11/23/88	
		GB 2227570	CIBA GEIGY AG	08/01/90	
		GB 2240948	SUNMAN PETER ROBERT PETER	08/21/91	
		GB 2325765	IBM	12/02/98	
		GB 2346110	BANK OF ENGLAND	08/02/00	
		GB 2346111	BANK OF ENGLAND	08/02/00	
		JP 10171758	NEOLEX KK	06/26/98	
		JP 10177613	NIPPON ELECTRIC CO	06/30/98	
		JP 11259620	DAINIPPON PRINTING CO LTD	09/24/99	
		JP JP3185585	TOKYO SHIBAURA ELECTRIC CO	08/13/91	
		JP JP4248771	NTT DATA TSUSHIN KK	09/04/92	
		JP JP5242217	NEC SOFTWARE KOBE	09/21/93	
		JP 7115474	FUJITSU LTD ; MATSUSHITA ELECTRIC IND CO LTD	05/02/95	
		WO 1982/04149	HARRISON SONS HIGH WYCOMBE PRATT DAVID E GREEN STEPHEN BANISTER	11/25/82	
		WO 1989/08915	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE TURNER, Laurence, Frank	09/21/89	
		WO 1991/16722	LOCTITE LUMINESCENT SYSTEMS INC.	10/31/91	
		WO 1994/03333 A	IMPERIAL CHEMICAL INDUSTRIES PLC	02/17/94	
		WO 1994/27228	APPLE COMPUTER, INC	11/24/94	
		WO 1995/09084	MINNESOTA MINING AND MANUFACTURING COMPANY	04/06/95	
		WO 1995/10835	MITSUBISHI NUCLEAR FUEL CO. YAGINUMA, Yoshitaka	04/20/95	
		WO 1995/13597	THOMAS DE LA RUE LIMITED NUTTON, Andrew BRATCHLEY, Robin BALDWIN, Stanley, Ivor HASLOP, John, M.	05/18/95	
		WO 1995/14289	PINECONE IMAGING CORPORATION RHOADS, Geoffrey, B.	05/26/95	

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
		WO 1995/20291	MOR LTD. PAATELMA, Otso BORLAND, Rod, Hugh	07/27/95	
		WO 1996/03286	INTERNATIONAL DATA MATRIX, INC.	02/08/96	
		WO 1996/26494	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA SANDFORD, Maxwell, T., II HANDEL, Theodore, G.	08/29/96	
		WO 1996/27259	HIGHWATER FBI LIMITED HILTON, David	09/06/96	
		WO 1996/36163	DIGIMARC CORPORATION RHOADS, Geoffrey, B.	11/14/96	
		WO 1997/01446	BAYER AKTIENGESELLSCHAFT EL SAYED, Aziz GERLING, Frank MESSINA, Salvatore MAGERSTEDT, Herbert IDEL, Karsten-Josef OSTLINNING, Edgar	01/16/97	
		WO 1997/43736	DIGIMARC CORPORATION RHOADS, Geoffrey, B.	11/20/97	
		WO 1998/14887	MOTOROLA INC.	04/09/98	
		WO 1998/19869	INDUSTRIAL AUTOMATION INTEGRATORS (IAI) B.V.	05/14/98	
		WO 1998/20411	NEOMEDIA TECHNOLOGIES, INC.	05/14/98	
		WO 1998/20642	MOTOROLA INC.	05/14/98	
		WO 1998/24050	METROLOGIC INSTRUMENTS, INC.	06/04/98	
		WO 1998/40823	ELONEX PLC	09/17/98	
		WO 1998/49813	PARRY, Rhys, Evan	11/05/98	
		WO 1999/024934	SUPERCOM LTD.	05/20/99	
		WO 1999/34277	INTERVAL RESEARCH CORPORATION	07/08/99	
		WO 2000/045344	THE GOVERNOR AND COMPANY OF THE BANK OF ENGLAND	08/03/00	
		WO 2000/39953	KENT RIDGE DIGITAL LABS	07/06/00	
		WO 2000/43214	MARCONI DATA SYSTEMS INC.	07/27/00	
		WO 2000/43216	INDUSTRIAL AUTOMATION INTEGRATORS (IAI) B.V.	07/27/00	
		WO 2000/78554	OMG AG & CO. KG	12/28/00	
		WO 2001/00719	DSM N.V.	01/04/01	
		WO 2001/05075	MICROSOFT CORPORATION	01/18/01	
		WO 2001/08405	ORELL FÜSSLI SECURITY PRINTING LTD.	02/01/01	
		WO 2001/096112	3M INNOVATIVE PROPERTIES COMPANY	12/20/01	
		WO 2001/29764 A1	BUNDESDRUCKEREI GMBH	04/26/01	
		WO 2001/39121	KONINKLIJKE PHILIPS ELECTRONICS N.V.	05/31/01	
		WO 2001/43080	SUN MICROSYSTEMS INC.	06/14/01	
		WO 2001/45559	3M INNOVATIVE PROPERTIES COMPANY	06/28/01	
		WO 2001/73997	VERANCE CORPORATION	10/04/01	
		WO 2001/97128	MARKANY INC.	12/20/01	
		WO 2002/053499	CHINA PETROLEUM AND CHEMICAL CORPORATION	07/11/02	

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
		WO 2002/07425	CHINOOK COMMUNICATIONS, INC.	01/24/02	
		WO 2002/07442	CHINOOK COMMUNICATIONS, INC.	01/24/02	
		WO 2002/077380	LATA, Petru	10/03/02	
		WO 2002/078965 A1	ORGAN KARTENSYSTEME GMBH	10/10/02	
		WO 2002/17631	KONINKLIJKE PHILIPS ELECTRONICS N.V.	02/28/02	
		WO 2002/19589	VERANCE CORPORATION	03/07/02	
		WO 2002/26507 A1	ORGAN KARTENSYSTEME GMBH	04/04/02	
		WO 2002/27647 A1	ORGAN KARTENSYSTEME GMBH	04/04/02	
		WO 2002/42371	TYCO ELECTRONICS CORPORATION	05/30/02	
		WO 2003/005291	DIGIMARC CORPORATION	01/16/03	
		WO 2003/055684	DIGIMARC ID SYSTEMS, LLC	07/10/03	
		WO 2003/056507	DIGIMARC ID SYSTEMS, LLC	07/10/03	
		WO 2004/102353	GTECH RHODE ISLAND CORPORATION	11/25/04	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		"Access Control and Copyright Protection for Images WorkPackage 8: Watermarking" Jun. 30 1995, 46 pages.
		"Access Control and Copyright Protection for Images, WorkPackage 3: Evaluation of Existing Systems," Apr. 19, 1995, 68 pages.
		"Access Control and Copyright Protection for Images, WorkPackage 1: Access Control and Copyright Protection for Images Need Evaluation," Jun., 1995, 21 pages.
		"Copyright Protection for Digital Images, Digital Fingerprinting from FBI, "Highwater FBI brochure 1995, 4 pages.
		"Cyphertech Systems: Introduces Digital Encoding Device to Prevent TV Piracy," Hollywood Reporter, Oct. 20, 1993, p. 23.
		"Foiling Card Forges With Magnetic Noise," Wall Street Journal, Feb. 8, 1994.
		"High Water FBI Limited Presentation Image Copyright Protection Software," FBI Ltd. brochure, Jul., 1995, 17 pages.
		"NAB–Cyphertech Starts Anti-Piracy Broadcast Tests," Newsbytes, NEW03230023, Mar. 23, 1994.
		"The Copyright Can of Worms Opened Up By The New Electronic Media," Computergram Internations, pCGN07170006, Jul. 17, 1995 and The Copyright Can of Worms Opened Up By the New Electronic Media-2, Computergram Internations, pCGN07210008, Jul. 21, 1995, 3 pages.
		10/677,092, Office Action dated 6/20/07, 6 pages.
		10/803,538, Labrec, Advisory Action dated December 14, 2007.
		10/803,538, Labrec, applicant's Amendment After Final dated November 30, 2007.
		10/803,538, LaBrec, applicant's reponse dated May 8, 2007.
		10/803,538, Labrec, applicant's Request for Continued Examination dated December 21, 2007.
		10/803,538, LaBrec, Office Action dated December 8, 2006, plus response dated May 8, 2007.
		10/803,538, Labrec, Office Action dated March 20, 2008

OTHER.PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		10/942,321, Labrec, applicant's Response dated July 2, 2007.
		10/942,321, Labrec, Final Office Action dated September 7, 2007.
		10/942,321, Labrec, Notice of Panel Decision dated February 29, 2008.
		10/942,321, LaBrec, Office Action dated February 1, 2007
		10/942,321, Labrec, Request for Pre-Appeal Review dated February 8, 2008.
		Amended claims from WO03/056507, corresponding to those in EP 02 805 980.6.
		Arachelian, "White Noise Storm," Apr. 11, 1994, Internet reference, 13 pages.
		Arthur, "Digital Fingerprints Protect Artwork," New Scientist, Nov. 12, 1994, p. 24.
		August 16, 2007 communication from the Canadian Intellectual Property Office in Application No. 2,470,600, and a February 15, 2008 Amendment in response thereto.
		Australian Patent Application 2002353174, bibliographic information, 2002
		Australian Patent Application 2002353174, Office Action dated September 5, 2007, 2 pages
		Bender et al., "Applications for Data Hiding," IBM Systems Journal, Vol. 39, Nos. 3&4, 2000, pp.547-568.
		Bender et al., "Techniques for Data Hiding," Massachusetts Institute of Technology, Media Laboratory, Jan, 1995, 10 pages.
		Bender et al., "Techniques for Data Hiding," IBM Systems Journal, vol. 35, Nos.3&4, 1996, pp. 313-336
		Bender et al., "Techniques for Data Hiding," SPIE vol. 2420, Jan. 1995, pp. 164-173.
		Boland et al., "Watermarking Digital Images for Copyright Protection," Fifth International Conference on Image Processing and its Applications, Conference Date 4-6 Jul. 1995, Conf. Publ. No. 410, pp.326-330.
		Boneh, "Collusion-Secure Fingerprinting for Digital Data," Department of Computer Science, Princeton University, 1995, 31 pages.
		Bovik, "Handbook of Image and Video Processing," Academic Press, 2000, pp. 133-136, 154, 155
		Brassil et al., "Electronic Marking and Identification Techniques to Discourage Document Copying, Proceedings of INFOCOM '94 Conference on Computer, IEEE Commun. Soc Conference, Jun. 12-16, 1994, 1278-1287.
		Brown, "S-Tools for Windows, Version 1.00, COPYRGHT. 1994 Andy Brown, What is Steganography," Internet reference, Mar. 6, 1994, 6 pages.
		Bruckstein, A.M.; Richardson, T.J., A holographic transform domain image watermarking method, Circuits, Systems, and Signal Processing vol. 17, no.3 p. 361-89, 1998. This paper includes an appendix containing an internal memo of Bell labs, which according to the authors of the paper, was dated September 1994.
		Canadian Patent application 2,469,938, applicant's Amendment dated January 24, 2007.
		Canadian Patent application 2,469,938, claims as filed, with effective filing date of 12/20/2002, 10 pages
		Canadian Patent application 2,469,938, Notice of Allowance dated November 21, 2007.
		Canadian Patent application 2,469,938, Office Action dated July 24, 2006, 2 pages.
		Caronni, "Assuring Ownership Rights for Digital Images," Published in the Proceedings of 'Reliable It Systems,' vis '95 HH. Bruggemann and W. Gerhardt-Hackl (Ed.), Vieweg Publishing Company, Germany, 1995, Jun. 14, 1994, 10 pages.
		Castro et al., "Registration of Translated and rotated Images Using Finite Fourier Transforms," IEEE Transactions on pattern Analysis and Machine Intelligence, vol. PAMI-9, No. 5, Sep. 1987, 700-703.
		Chinese Patent application 02826030.9, Amended Claims.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		Chinese Patent application 02826030.9, Certificate of Patent, Patent No. ZL02826030.9
		Chinese Patent application 02826030.9, Notification of Registration/ Allowance dated January 5, 2007
		Chinese Patent application No. 02826030.9, First Office Action by the Chinese Patent Office dated June 23,2006, (English translation) 6 pages.
		Chinese Patent application No. 02826030.9, US translation of pending claims, 10 pages.
		Choudhury , et al., "Copyright Protection for Electronic Publishing over Computer Networks," IEEE Network Magazine, Jun. 1994, 18 pages.
		Chow et al., "Forgery and Temper-Proof Identification Document," IEEE Proc. 1993 Int. Carnahan Conf. on Security Technology, Oct. 13-15, 1993, pp. 11-14.
		Clariant Masterbatches Division Price Quotation #474938, 11/30/00, 2 pages.
		Clariant Masterbatches, pricing, #762998, 2 pages.
		Clarke, "Invisible Code Tags Electronic Images," Electronic Engineering Times, Jun. 12, 1995, n. 852, p. 42.
		Collins, et al., "Using Bar Code - Why It's Taking Over", Second Edition, Data Capture Institute, 1990 (Contents & Index).
		Cox et al., "Secure Spread Spectrum Watermarking for Images, Audio, and Video," IEEE1996, pages 243-246.
		Cox et al., "Secure Spread Spectrum Watermarking for Multimedia," NEC Research Institute Technical Report, Dec. 5, 1995, 33 pages.
		Datacard DCL30, "The Most Secure Card Personalization System for ID Programs," 2002, 3 pages.
		Dautzenberg, "Watermarking Images," Department of Microelectronics and Electrical Engineering, Trinity College Dublin, 47 pages, Oct. 1994.
		Dittman, J. et al., 'Content-based Digital Signature for Motion Pictures Authentication and Content-Fragile Watermarking," IEEE Proc. Int. Conf. on Multimedia Computing and Systems, Jun. 1999, pp.209-213.
		Dittman, J., "Chapter 3: Telltale Watermarking," in Multiresolution Digital Watermarking: Algorithms and Implications for multimedia signals, Ph.D. thesis at Univ. of Toronto, 1999, pp.23-52.
		Dittmann et al., "Hologram Watermarks for Document Authentications," IEEE 2001, pp. 60-64.
		effekte, "Plastics on the Rise," 3/2001, 12 pages.
		EM Industries inc., "Lazer Flair LS Series Pigments, 12/11/02/ 3 pages.
		EMI "Screening Content from Compact Discs: ID Trac," SDMII 6/3/99, 13 pages.
		EP 01992398.6 first examination report, dated January 7, 2005.
		EP 01992398.6 notice of grant, dated November 28, 2005
		EP 01992398.6 response to first examination report , dated July 18,2005
		EP02790154, European Patent Office Communication and Search Report, March 6, 2006, 4 pages.
		EP02790154.5, Communication Under Rule 71(3) EPC, dated February 29, 2008.
		Eric Kllefeld, "Passports to contain RFID chips next year: Government says it's "more secure"; ACLU raises privacy concerns," Wisconsin Technology Network, published at http://wistechology.com/article.php?id=2444 (published on 11/2/05; submitted sheets printed from the internet on 3/23/06), 3 pages.
		Examiner's Report dated 05/02/06, from CA Application No. 2,470,600 (corresponding to PCT/US02/41681; Published as WO03/056507).
		Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed April 1, 2008

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed September 21, 2006
		Fitzgerald, "Invisible Digital Copyright ID," Editor & Publisher, Jun. 25, 1994, p. 62.
		Friedman, "The Trustworthy Digital Camera: Restoring Credibility to the Photographic Image," IEEE Transaction on Consumer Electronics, vol. 39, No. 4, Nov., 1993, pp. 905-910.
		Graff, "Laser Marking Makes bigger Imprint in Plastics," 8/11/04, 7 pages.
		Grieco, Jr. et al., "Behind Bars - Bar Coding Principles and Applications", PT Publication, Inc., 1989 (Table of Contents & Index)
		Hecht, "Embedded Data Glyph Technology for Hardcopy Digital Documents," SPIE vol. 2171, Feb. 1994, pp. 341-352.
		Hill, "Cure of Thermoset Industrial Coatings," Proc. 2d Pacific Coatings forum, Nov. 1-3, 1997, 6 pages.
		Humphrey, "Stamping Out Crime," Hollywood Reporter, Jan. 26, 1994, p. S48
		Jain, "Image Coding Via a Nearest Neighbors Image Model," IEEE Transactions on Communications, vol. COM-23, No. 3, Mar. 1975, pp. 318-331.
		JPEG Group's JPEG Software (release 4), FTP.CSUA.BERKELEY.EDU/PUB/CYPHERPUNKS/APPLICATIONS/JSTEG/JPEG.ANNOUNCEMENT.GZ, Jun. 7, 1993, 2 pages.
		Kassam, Signal Detection in Non-Gaussian Noise, Dowden & Culver, 1988, pp. 1-96.
		Kawaguchi, et al., "Principle and Applications of BPCS-Steganography," Proc. SPIE Vol. 3258: Multimedia Systems and Applications, 2-4 Nov. 1998, pp. 464-473.
		Koch, et al., "Copyright Protection for Multimedia Data," Fraunhofer Institute for Computer Graphics, Dec. 16, 1994, 15 pages.
		Koch, et al., "Towards Robust and Hidden Image Copyright Labeling," Proc. of 1995 IEEE Workshop on Nonlinear Signal and Image Processing, Jun. 20-22, 1995 4 pages.
		Komatsu et al., "Authentication System Using Concealed Image in Telematics," Memoirs of the School of Science & Engineering, Waseda Univ., No. 52, 1988, pp. 45-60
		Komatsu, et al., "A Proposal on Digital Watermarking in Document Image Communication and Its Application to Realizing a Signature," Electronics and Communications in Japan, Part I, Vol., 73, No.5, 1990, pp. 22-23.
		Kundur et al., "A Robust Digital Image Watermarking Method and Wavelet-Based Fusion," IEEE July 1997, pages 544-547.
		Kurak et al., "A Cautionary Note On Image Downgrading," 1992 IEEE, pp. 153-159.
		Lamy, P. et al., "Content-Based Watermarking for Image Authentication," Proc. 3.sup.rd Int. Workshop on Information Hiding, Sep. Oct. 1999, pp. 187-198.
		Lin, C.-Y. et al., "Generating Robust Digital Signature for Image/Video Authentication," Proc. Multimedia and Security Workshop at ACM Multimedia '98, Sep. 1998, pp. 49-54.
		Lin, C.-Y. et al., "Issues and Solutions for Authenticating MPEG Video," Proc. SPIE vol. 3657: Security and Watermarking of Multimedia Contents, Jan. 1999, pp. 54-65.
		Luc, "Analysis of Spread Spectrum System Parameters for Design of Hidden Transmission," Radioengineering, vol. 4, No. 2, Jun. 1995, pp. 26-29.
		Machado, "Announcing Stego 1.0a2, The First Steganography Tool for the Macintosh," Internet reference, Nov. 28, 1993, 3 pages.
		Macq, "Cryptology for Digital TV Broadcasting," Proceedings of the IEEE, vol. 83, No. 6, Jun. 1995, pp. 944-957.
		Matsui et al., "Embedding a Signature to Pictures under Wavelet Transformation," Transactions of the Institute of Electronics Information and Communication Engineers D-II, vol. J79D-II, No. 6, Jun., 1996, pp. 1017-1024.
		Matsui et al., "Video-Steganography: How to Secretly Embed a Signature in a Picture," IMA Intellectual Property Project Proceedings, Jan. 1995, vol. 1, Issue 1, pp. 187-205.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		Matthews, "When Seeing is Not Believing," New Scientist, Oct. 16, 1993, pp. 13-15.
		Meerwald et al., "A Survey of wavelet-Domain Watermarking Algorithms," Proc. Of SPIE vol. 4314 (2001), pp.505-516.
		Mintzer et al., "Safeguarding Digital library Contents and Users" Digital watermarking," D-Lib Magazine, December 1997: ISSN 1082-9873
		Moller, et al., "Rechnergestützte Steganographie: Wie sie Funktioniert und warum folglich jede Reglementierung von Verschlüsselung unsinnig ist," DuD, Datenschutz und Datensicherung, 18/6 (1994) 318-326.
		Nakamura et al., "A Unified Coding Method of Dithered Image and Text Data Using Micropatterns," Electronics and Communications in Japan, Part 1, vol. 72, Nov. 4, 1989, pp. 50-56.
		Nakamura et al., "A Unified Coding Method of Image and Text Data Using Discrete Orthogonal Transform," Systems and Computers in Japan, vol. 21, No. 3, 1990, pp. 87-92.
		Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed April 14, 2009
		Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed August 8, 2007
		Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed March 10, 2006
		Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed August 10, 2005
		O'Ranaidh et al., "Rotation, Scale and Translation Invariant Digital Image Watermarking," submitted to Signal Processing, Aug. 21, 1997, pp. 2-19.
		O'Ranaidh et al., "Rotation, Scale and translation Invariant Digital Image Watermarking," Int. Conf. on Image Proc., Oct. 1997 IEEE, pp. 536-539.
		O'Ranaidh et al., "Rotation, Scale and Translation Invariant Spread Spectrum Digital Image Watermarking," Signal Processing 66, May 1, 1998, pp. 303-317.
		O'Ranaidh, et al., Phase Watermarking of Digital Images. Proc ICIP-96, Lausanne, Switzerland, Sep. 16-19, 1996. p.239-242.
		October 18, 2007 Communication from the European Patent Office in Application No. EP 02 805 980.6.
		Office Action dated 5/13/08, from Application No. 10/677,092, 5 pages.
		Ohnishi et al., Embedding a Seal into a Picture Under Orthogonal Wavelet Transform, Proceedings of Multimedia '96, 1996, IEEE, pp.514-521.
		Palmer, " The Bar Code Book", Third Edition, Helmers Publishing, Inc., 1995 (Contents & Index)
		PCT - INTERNATIONAL SEARCH REPORT for International Application No. PCT/USO2/41644, mailed on 30 May 2003
		PCT - INTERNATIONAL SEARCH REPORT for International Application No. PCT/USO2/41681, mailed on 05 JUN 2003
		PCT - NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION, for International Application No. PCT/USO2/41644, mailed on 30 May 2003
		PCT - NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION, for International Application No. PCT/USO2/41681, mailed on 05 JUN 2003
		PCT Written Opinion for International Application No. PCT/US01/50843, mailed 18 March 2004. All references cited in this PCT written Opinion were already of record in the U.S. equivalent of this international Application, but are listed herein and copies are provided herein.
		PCT--International Search Report for International Application No. PCT/US02/41320
		PCT--Notification of Transmittal of the International Search Report or the Declaration, for International Application No. PCT/US02/41320, mailed on Jul. 28, 2003.
		Pennebaker et al., JPEG Still Image Data Compression Standard, Chapter 3, "Aspects of the Human Visual System," pp. 23-27, 1993 Van Nostrand Reinhold, New York.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		Pereira et al, "Template Based Recovery of Fourier-Based Watermarks Using Log-polar and Log-log Maps", 1999, IEEE, pp.870-874.
		Pitas et al., "Applying Signatures on Digital Images," IEEE Workshop on Nonlinear and Signal Processing, Neos Marmaras, Greece, pp. 460-463, Jun., 1995.
		Plastics Technology, "Laser Marking Has a Bright Future in Plastics," http://www.plasticstechnology.com/articles/200108fa1.html 8/01, 5 pages
		Port, "halting Highway Robbery on the Internet," Business Week, Oct. 17, 1994, p. 212.
		Printed copy of a PolyOne company web page for FAST MARK colorants, 2 printed pages, printed on 15 December 2003 and accessed from: http://www.polyone.com/bizunit/bizunit_info.asp?ID1=4D07B4ED-C098-43E4-B802-21413A1FA74C&ID2={8C29FDCA-7C9E-433E-897A-DB6354A01CAA}&ID3={00000000-0000-0000-0000-000000000000}&ID4={FE3434DA-7FA0-4FFF-99AF-CDD99EC16AE1}&bizUnit=NA-P-CM&line=&sub=none
		Rindfrey, "Towards an Equitable System for Access Control and Copyright Protection in Broadcast Image Services: The Equicrypt Approach," Intellectual Property Rights and New Technologies, Proc. of the Conference, R. Oldenbourg Verlag Wien Munchen 1995, 12 pages.
		Roberts, "Picture Coding Using Pseudorandom Noise," IRE Trans. On Information Theory, Vol. 8, No. 2, Feb., 1962, pp. 145-154.
		Sandford II, et al., "The Data Embedding Method," SPIE vol. 2615, Oct. 23, 1995, pp. 226-259.
		Santroprene, "Add Value to Your TPEs with Special Effects," not dated, 12 pages
		Sapwater et al., "Electronic Copyright Protection," PHOTO>Electronic Imaging, vol. 37, No. 6, 1994, pp. 16-21.
		Schneider, M. "A Robust Content Based Digital Signature for Image Authentication," IEEE Proc. Int. Conf. on Image Processing, Sep. 1996, pp. 227-230 (vol. 3).
		Schneier, "Digital Signatures, Cryptographic Algorithms Can Create Nonforeable Signatures for Electronic Documents, Making Them Valid Legal Instruments" BYTE, No. 1993, pp. 309-312.
		Schreiber et al., "A Compatible High-Definition Television System Using the Noise-Margin Method of Hiding Enhancement Information," SMPTE Journal, Dec. 1989, pp. 873-879.
		Search report PCT/US03/32886, mailed March 30, 2004.
		shaggy@phantom.com, "Hide and Seek v. 4.0," Internet reference, Apr. 10, 1994, 3 pages.
		Sharma et al., "Practical Challenges for Digital Watermarking Applications", May 3, 2001, pp. 1-10
		Sheng et al., "Experiments on Pattern Recognition Using Invariant Fourier-Mellin Descriptors," Journal of Optical Society of America, vol. 3, No. 6, Jun., 1986, pp. 771-776.
		Short, "Steps Toward Unmasking Secure Communications," International Journal of Bifurcation and Chaos, Vol. 4, 1994, pp. 959-977.
		Simmons, "Subliminal Channels; Past and Present," ETT, vol. 5 No. 4, Jul.-Aug. 1994, pp. 45-59.
		Supplemental European Search Report dated 7/20/06, from EP Application No. 02805980 (Corresponding to PCT/US02/41681; Published as WO03/056507).
		Szepanski, "A Signal Theoretic Method For Creating Forgery-Proof Documents For Automatic Verification", 1979 Carnahan Conference on Crime Countermeasures, University of Kentucky, Lexington, Kentucky, May 16-18, 1979, pp. 101-109.
		Szepanski, "Additive Binary Data Transmission for Video Signals," Papers Presented at Conf. Of Comm. Engineering Soc. Sept. 30 - Oct. 3, 1980, Technical Reports Vol. 74, 342-352.
		Tanaka et al., "A Visual Retrieval System with Private Information for Image Database," Proceeding International Conference on DSP Applications and Technology, Oct. 1991, pp. 415-421.
		Tanaka et al., "Embedding Secret Information into a Dithered Multi-Level Image," Proc. IEEE Military Comm. Conf., Sep. 1990, pp. 216-220.
		Tanaka et al., "New Integrated Coding Schemes for Computer-Aided Facsimile," Proc. IEEE, Int'l Conf. on Sys.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		Integration, Apr. 1990, pp. 275-281.
		Tanaka, "Embedding the Attribute Information Into a Dithered Image," Systems and Computers in Japan, vol. 21, No. 7, 1990, pp. 43-50.
		Tirkel et al., "Electronic Water Mark," DICTA-93, Macquarie University, Sydney, Australia, Dec., 1993, pp. 666-673.
		Toga et al., "Registration Revisited," Journal of Neuroscience Methods, 48 (1993), pp. 1-13.
		U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004
		US Patent Application No. 10/942,321, US Patent Office Communication dated August 4, 2006, 7 pages.
		van Schyndel et al., "A Digital Watermark," IEEE International Conference on Image Processing, Nov. 13-16, 1994, pp. 86-90.
		Van Schyndel et al., "Towards a Robust Digital Watermark," ACCV '95, vol. 2, December, 1995, pp. 504-508
		W. Rankl and W. Effing, "Smart Card Hand Book" 1997, John Wiley & Sons, pp. 35-40.
		Wagner, "Fingerprinting," 1983 IEEE, pp. 18-22.
		Walton, "Image Authentication for a Slippery New Age," Dr. Dobb's Journal, Apr. 1995, pp. 18-26, 82-87.
		Weber et al., "Correlative Image Registration," Seminars in Nuclear Medicine, vol XXIV, No. 4, Oct., 1994, pp. 311-323.
		Wise, "The History of Copyright, Photographers' Rights Span Three Centuries," PHOTO>Electronic Imaging, vol. 37, No. 6, 1994.
		WO02/052499 search report, dated August 30, 2002
		WO02/052499 Written Opinion, dated March 18, 2004
		Xie, L. et al., "Secure MPEG Video Communications by Watermarking," Proc. Conf. of ATIRP (Advanced Telecommunications and Information Distribution Research Project), Feb. 1999, pp.459-462.
		Yeung et al., "Digital Watermarks: Shedding Light on the Invisible," Nov.-Dec. 1998, IEEE Micro vol. 18, no. 6, pp. 32-41.

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Express Mail Label No.: Box 1 of 2 EM067769529 US

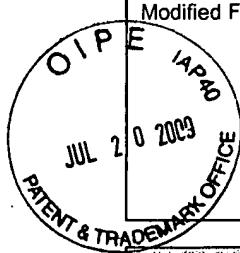
Box 2 of 2 EM067769492US

Date of Deposit: July 20, 2009

Page 1 of 10

Attorney Docket No.: 38820-534001US

Application No.: 10/677,092



Modified Form 1449/PTO		Application Number	10/677,092
SUPPLEMENTAL		Filing Date	09/30/03
INFORMATION DISCLOSURE		First Named Inventor	Labrec
STATEMENT BY APPLICANT		Group Art Unit	1796
		Examiner Name	Sanza L. McClendon
		Attorney Docket Number	38820-534001US

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
U.S. PUBLISHED APPLICATION DOCUMENTS							
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
		CA 2235002	AT & T CORP	12/18/98	
		CH 689680	ELECTROWATT TECH INNOVAT CORP	08/13/99	
		DE 2943436	SZEPANSKI WOLFRAM DR ING	05/07/81	
		DE 3806411	THOMSON BRANDT GMBH	09/07/89	
		EP 0058482	BRITISH TELECOMM	08/25/82	
		EP 0279104	SEIKO INSTR INC	08/24/88	
		EP 0372601	PHILIPS NV	06/23/90	
		EP 0411232	IBM	02/06/91	
		EP 0441702	TELEDIFFUSION FSE	08/14/91	
		EP 0479265	DIENES APPARATEBAU GMBH	04/08/92	
		EP 0493091	XEROX CORP	07/01/92	
		EP 0581317	INTERACTIVE HOME SYSTEMS	02/02/94	
		EP 0629972	HEWLETT PACKARD CO	12/21/94	
		EP 0637514	NIPPON KAYAKU KK [JP] ; KANSAI PAINT CO LTD [JP]	02/08/95	
		EP 0642060	TOKYO SHIBAURA ELECTRIC CO	03/08/95	
		EP 0650146	EASTMAN KODAK CO	04/26/95	
		EP 0697433	GEN ELECTRIC	02/21/96	
		EP 0705025	EASTMAN KODAK CO	04/03/96	
		EP 0734870	FUJI PHOTO FILM CO LTD	10/02/96	
		EP 0739748	MINNESOTA MINING & MFG	10/30/96	
		EP 0975147	EASTMAN KODAK CO	01/26/00	
		EP 0991014	TOPPAN FORMS CO LTD	04/05/00	
		EP 1035503	SIHL GMBH	09/13/00	
		EP 1041815	CANON KK	10/04/00	
		EP 1077570	ACADEMIA SINICA	02/21/01	

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	EP	1134710	EASTMAN KODAK CO	09/19/01	
	EP	1147495	GOVERNOR AND COMPANY OF BR THE	10/24/01	
	EP	1173001	EASTMAN KODAK CO	01/16/02	
	EP	1202250	SONY CORP	05/02/02	
	EP	1909971	SCHOTT AG	04/16/08	
	EP	190997A	CIBA GEIGY AG	08/13/86	
	GB	1088318	GEN ELECTRIC	10/25/67	
	GB	1472581	LICENTIA GMBH	05/04/77	
	GB	2063018	GEN ELECTRIC CO LTD	05/28/81	
	GB	2067871	MARCONI CO LTD	07/30/81	
	GB	2132136	METAL BOX PLC	07/04/84	
	GB	2196167	EMI PLC THORN	04/20/88	
	GB	2204984	JENKINS JOHN HENRY	11/23/88	
	GB	2227570	CIBA GEIGY AG	08/01/90	
	GB	2240948	SUNMAN PETER ROBERT PETER	08/21/91	
	GB	2325765	IBM	12/02/98	
	GB	2346110	BANK OF ENGLAND	08/02/00	
	GB	2346111	BANK OF ENGLAND	08/02/00	
	JP	10171758	NEOLEX KK	06/26/98	
	JP	10177613	NIPPON ELECTRIC CO	06/30/98	
	JP	11259620	DAINIPPON PRINTING CO LTD	09/24/99	
	JP	JP3185585	TOKYO SHIBAURA ELECTRIC CO	08/13/91	
	JP	JP4248771	NTT DATA TSUSHIN KK	09/04/92	
	JP	JP5242217	NEC SOFTWARE KOBE	09/21/93	
	JP	7115474	FUJITSU LTD ; MATSUSHITA ELECTRIC IND CO LTD	05/02/95	
	WO	1982/04149	HARRISON SONS HIGH WYCOMBE PRATT DAVID E GREEN STEPHEN BANISTER	11/25/82	
	WO	1989/08915	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE TURNER, Laurence, Frank	09/21/89	
	WO	1991/16722	LOCTITE LUMINESCENT SYSTEMS INC.	10/31/91	
	WO	1994/03333 A	IMPERIAL CHEMICAL INDUSTRIES PLC	02/17/94	
	WO	1994/27228	APPLE COMPUTER, INC	11/24/94	
	WO	1995/09084	MINNESOTA MINING AND MANUFACTURING COMPANY	04/06/95	
	WO	1995/10835	MITSUBISHI NUCLEAR FUEL CO. YAGINUMA, Yoshitaka	04/20/95	
	WO	1995/13597	THOMAS DE LA RUE LIMITED NUTTON, Andrew BRATCHLEY, Robin BALDWIN, Stanley, Ivor HASLOP, John, M.	05/18/95	
	WO	1995/14289	PINECONE IMAGING CORPORATION RHOADS, Geoffrey, B.	05/26/95	

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
		WO 1995/20291	MOR LTD, PAATELMA, Otso BORLAND, Rod, Hugh	07/27/95	
		WO 1996/03286	INTERNATIONAL DATA MATRIX, INC.	02/08/96	
		WO 1996/26494	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA SANDFORD, Maxwell, T., II HANDEL, Theodore, G.	08/29/96	
		WO 1996/27259	HIGHWATER FBI LIMITED HILTON, David	09/06/96	
		WO 1996/36163	DIGIMARC CORPORATION RHOADS, Geoffrey, B.	11/14/96	
		WO 1997/01446	BAYER AKTIENGESELLSCHAFT EL SAYED, Aziz GERLING, Frank MESSINA, Salvatore MAGERSTEDT, Herbert IDEL, Karsten-Josef OSTLINNING, Edgar	01/16/97	
		WO 1997/43736	DIGIMARC CORPORATION RHOADS, Geoffrey, B.	11/20/97	
		WO 1998/14887	MOTOROLA INC.	04/09/98	
		WO 1998/19869	INDUSTRIAL AUTOMATION INTEGRATORS (IAI) B.V.	05/14/98	
		WO 1998/20411	NEOMEDIA TECHNOLOGIES, INC.	05/14/98	
		WO 1998/20642	MOTOROLA INC.	05/14/98	
		WO 1998/24050	METROLOGIC INSTRUMENTS, INC.	06/04/98	
		WO 1998/40823	ELONEX PLC	09/17/98	
		WO 1998/49813	PARRY, Rhys, Evan	11/05/98	
		WO 1999/024934	SUPERCOM LTD.	05/20/99	
		WO 1999/34277	INTERVAL RESEARCH CORPORATION	07/08/99	
		WO 2000/045344	THE GOVERNOR AND COMPANY OF THE BANK OF ENGLAND	08/03/00	
		WO 2000/39953	KENT RIDGE DIGITAL LABS	07/06/00	
		WO 2000/43214	MARCONI DATA SYSTEMS INC.	07/27/00	
		WO 2000/43216	INDUSTRIAL AUTOMATION INTEGRATORS (IAI) B.V.	07/27/00	
		WO 2000/78554	OMG AG & CO. KG	12/28/00	
		WO 2001/00719	DSM N.V.	01/04/01	
		WO 2001/05075	MICROSOFT CORPORATION	01/18/01	
		WO 2001/08405	ORELL FÜSSLI SECURITY PRINTING LTD.	02/01/01	
		WO 2001/096112	3M INNOVATIVE PROPERTIES COMPANY	12/20/01	
		WO 2001/29764 A1	BUNDESDRUCKEREI GMBH	04/26/01	
		WO 2001/39121	KONINKLIJKE PHILIPS ELECTRONICS N.V.	05/31/01	
		WO 2001/43080	SUN MICROSYSTEMS INC.	06/14/01	
		WO 2001/45559	3M INNOVATIVE PROPERTIES COMPANY	06/28/01	
		WO 2001/73997	VERANCE CORPORATION	10/04/01	
		WO 2001/97128	MARKANY INC.	12/20/01	
		WO 2002/053499	CHINA PETROLEUM AND CHEMICAL CORPORATION	07/11/02	

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
		WO 2002/07425	CHINOOK COMMUNICATIONS, INC.	01/24/02	
		WO 2002/07442	CHINOOK COMMUNICATIONS, INC.	01/24/02	
		WO 2002/077380	LATA, Petru	10/03/02	
		WO 2002/078965 A1	ORG A KARTENSYSTEME GMBH	10/10/02	
		WO 2002/17631	KONINKLIJKE PHILIPS ELECTRONICS N.V.	02/28/02	
		WO 2002/19589	VERANCE CORPORATION	03/07/02	
		WO 2002/26507 A1	ORG A KARTENSYSTEME GMBH	04/04/02	
		WO 2002/27647 A1	ORG A KARTENSYSTEME GMBH	04/04/02	
		WO 2002/42371	TYCO ELECTRONICS CORPORATION	05/30/02	
		WO 2003/005291	DIGIMARC CORPORATION	01/16/03	
		WO 2003/055684	DIGIMARC ID SYSTEMS, LLC	07/10/03	
		WO 2003/056507	DIGIMARC ID SYSTEMS, LLC	07/10/03	
		WO 2004/102353	GTECH RHODE ISLAND CORPORATION	11/25/04	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		"Access Control and Copyright Protection for Images WorkPackage 8: Watermarking" Jun. 30 1995, 46 pages.
		"Access Control and Copyright Protection for Images, WorkPackage 3: Evaluation of Existing Systems," Apr. 19, 1995, 68 pages.
		"Access Control and Copyright Protection for Images, WorkPackage 1: Access Control and Copyright Protection for Images Need Evaluation," Jun., 1995, 21 pages.
		"Copyright Protection for Digital Images, Digital Fingerprinting from FBI, "Highwater FBI brochure 1995, 4 pages.
		"Cyphertech Systems: Introduces Digital Encoding Device to Prevent TV Piracy," Hollywood Reporter, Oct. 20, 1993, p. 23.
		"Foiling Card Forges With Magnetic Noise," Wall Street Journal, Feb. 8, 1994.
		"High Water FBI Limited Presentation Image Copyright Protection Software," FBI Ltd. brochure, Jul., 1995, 17 pages.
		"NAB--Cyphertech Starts Anti-Piracy Broadcast Tests," Newsbytes, NEW03230023, Mar. 23, 1994.
		"The Copyright Can of Worms Opened Up By The New Electronic Media," Computergram Internations, pCGN07170006, Jul. 17, 1995 and The Copyright Can of Worms Opened Up By the New Electronic Media-2, Computergram Internations, pCGN07210008, Jul. 21, 1995, 3 pages.
		10/677,092, Office Action dated 6/20/07, 6 pages.
		10/803,538, Labrec, Advisory Action dated Dember 14, 2007.
		10/803,538, Labrec, applicant's Amendment After Final dated November 30, 2007.
		10/803,538, LaBrec, applicant's reponse dated May 8, 2007.
		10/803,538, Labrec, applicant's Request for Continued Examination dated December 21, 2007.
		10/803,538, LaBrec, Office Action dated December 8, 2006, plus response dated May 8, 2007.
		10/803,538, Labrec, Office Action dated March 20, 2008

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		10/942,321, Labrec, applicant's Response dated July 2, 2007.
		10/942,321, Labrec, Final Office Action dated September 7, 2007.
		10/942,321, Labrec, Notice of Panel Decision dated February 29, 2008.
		10/942,321, LaBrec, Office Action dated February 1, 2007
		10/942,321, Labrec, Request for Pre-Appeal Review dated February 8, 2008.
		Amended claims from WO03/056507, corresponding to those in EP 02 805 980.6.
		Arachelian, "White Noise Storm," Apr. 11, 1994, Internet reference, 13 pages.
		Arthur, "Digital Fingerprints Protect Artwork," New Scientist, Nov. 12, 1994, p. 24.
		August 16, 2007 communication from the Canadian Intellectual Property Office in Application No. 2,470,600, and a February 15, 2008 Amendment in response thereto.
		Australian Patent Application 2002353174, bibliographic information, 2002
		Australian Patent Application 2002353174, Office Action dated September 5, 2007, 2 pages
		Bender et al., "Applications for Data Hiding," IBM Systems Journal, Vol. 39, Nos. 3&4, 2000, pp.547-568.
		Bender et al., "Techniques for Data Hiding," Massachusetts Institute of Technology, Media Laboratory, Jan, 1995, 10 pages.
		Bender et al., "Techniques for Data Hiding," IBM Systems Journal, vol. 35, Nos.3&4, 1996, pp. 313-336
		Bender et al., "Techniques for Data Hiding," SPIE vol. 2420, Jan. 1995, pp. 164-173.
		Boland et al, "Watermarking Digital Images for Copyright Protection," Fifth International Conference on Image Processing and its Applications, Conference Date 4-6 Jul. 1995, Conf. Publ. No. 410, pp.326-330.
		Boneh, "Collusion-Secure Fingerprinting for Digital Data," Department of Computer Science, Princeton University, 1995, 31 pages.
		Bovik, "Handbook of Image and Video Processing," Academic Press, 2000, pp. 133-136, 154, 155
		Brassil et al., "Electronic Marking and Identification Techniques to Discourage Document Copying, Proceedings of INFOCOM '94 Conference on Computer, IEEE Commun. Soc Conference, Jun. 12-16, 1994, 1278-1287.
		Brown, "S-Tools for Windows, Version 1.00, COPYRGHT. 1994 Andy Brown, What is Steganography," Internet reference, Mar. 6, 1994, 6 pages.
		Bruckstein, A.M.; Richardson, T.J., A holographic transform domain image watermarking method, Circuits, Systems, and Signal Processing vol. 17, no.3 p. 361-89, 1998. This paper includes an appendix containing an internal memo of Bell labs, which according to the authors of the paper, was dated September 1994.
		Canadian Patent application 2,469,938, applicant's Amendment dated January 24, 2007.
		Canadian Patent application 2,469,938, claims as filed, with effective filing date of 12/20/2002, 10 pages
		Canadian Patent application 2,469,938, Notice of Allowance dated November 21, 2007.
		Canadian Patent application 2,469,938, Office Action dated July 24, 2006, 2 pages.
		Caronni, "Assuring Ownership Rights for Digital Images," Published in the Proceedings of 'Reliable It Systems,' vis '95 HH. Bruggemann and W. Gerhardt-Hackl (Ed.), Vieweg Publishing Company, Germany, 1995, Jun. 14, 1994, 10 pages.
		Castro et al., "Registration of Translated and rotated Images Using Finite Fourier Transforms," IEEE Transactions on pattern Analysis and Machine Intelligence, vol. PAMI-9, No. 5, Sep. 1987, 700-703.
		Chinese Patent application 02826030.9, Amended Claims.

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		Chinese Patent application 02826030.9, Certificate of Patent, Patent No. ZL02826030.9
		Chinese Patent application 02826030.9, Notification of Registration/ Allowance dated January 5, 2007
		Chinese Patent application No. 02826030.9, First Office Action by the Chinese Patent Office dated June 23,2006, (English translation) 6 pages.
		Chinese Patent application No. 02826030.9, US translation of pending claims, 10 pages.
		Choudhury , et al., "Copyright Protection for Electronic Publishing over Computer Networks," IEEE Network Magazine, Jun. 1994, 18 pages.
		Chow et al., "Forgery and Temper-Proof Identification Document," IEEE Proc. 1993 Int. Carnahan Conf. on Security Technology, Oct. 13-15, 1993, pp. 11-14.
		Clariant Masterbatches Division Price Quotation #474938, 11/30/00, 2 pages.
		Clariant Masterbatches, pricing, #762998, 2 pages.
		Clarke, "Invisible Code Tags Electronic Images," Electronic Engineering Times, Jun. 12, 1995, n. 852, p. 42.
		Collins, et al., "Using Bar Code - Why It's Taking Over", Second Edition, Data Capture Institute, 1990 (Contents & Index).
		Cox et al., "Secure Spread Spectrum Watermarking for Images, Audio, and Video," IEEE1996, pages 243-246.
		Cox et al., "Secure Spread Spectrum Watermarking for Multimedia," NEC Research Institute Technical Report, Dec. 5, 1995, 33 pages.
		Datacard DCL30, "The Most Secure Card Personalization System for ID Programs," 2002, 3 pages.
		Dautzenberg, "Watermarking Images," Department of Microelectronics and Electrical Engineering, Trinity College Dublin, 47 pages, Oct. 1994.
		Dittman, J. et al., 'Content-based Digital Signature for Motion Pictures Authentication and Content-Fragile Watermarking," IEEE Proc. Int. Conf. on Multimedia Computing and Systems, Jun. 1999, pp.209-213.
		Dittman, J., "Chapter 3: Telltale Watermarking," in Multiresolution Digital Watermarking: Algorithms and Implications for multimedia signals, Ph.D. thesis at Univ. of Toronto, 1999, pp.23-52.
		Dittmann et al., "Hologram Watermarks for Document Authentications," IEEE 2001, pp. 60-64.
		effekte, "Plastics on the Rise," 3/2001, 12 pages.
		EM Industries inc., "Lazer Flair LS Series Pigments, 12/11/02/ 3 pages.
		EMI "Screening Content from Compact Discs: ID Trac," SDMII 6/3/99, 13 pages.
		EP 01992398.6 first examination report, dated January 7, 2005.
		EP 01992398.6 notice of grant, dated November 28, 2005
		EP 01992398.6 response to first examination report , dated July 18,2005
		EP02790154, European Patent Office Communication and Search Report, March 6, 2006, 4 pages.
		EP02790154.5, Communication Under Rule 71(3) EPC, dated February 29, 2008.
		Eric Kliefeld, "Passports to contain RFID chips next year: Government says it's "more secure"; ACLU raises privacy concerns," Wisconsin Technology Network, published at http://wistechology.com/article.php?id=2444 (published on 11/2/05; submitted sheets printed from the internet on 3/23/06), 3 pages.
		Examiner's Report dated 05/02/06, from CA Application No. 2,470,600 (corresponding to PCT/US02/41681; Published as WO03/056507).
		Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed April 1, 2008

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed September 21, 2006
		Fitzgerald, "Invisible Digital Copyright ID," Editor & Publisher, Jun. 25, 1994, p. 62.
		Friedman, "The Trustworthy Digital Camera: Restoring Credibility to the Photographic Image," IEEE Transaction on Consumer Electronics, vol. 39, No. 4, Nov., 1993, pp. 905-910.
		Graff, "Laser Marking Makes bigger Imprint in Plastics," 8/11/04, 7 pages.
		Grieco, Jr. et al., "Behind Bars - Bar Coding Principles and Applications", PT Publication, Inc., 1989 (Table of Contents & Index)
		Hecht, "Embedded Data Glyph Technology for Hardcopy Digital Documents," SPIE vol. 2171, Feb. 1994, pp. 341-352.
		Hill, "Cure of Thermoset Industrial Coatings," Proc. 2d Pacific Coatings forum, Nov. 1-3, 1997, 6 pages.
		Humphrey, "Stamping Out Crime," Hollywood Reporter, Jan. 26, 1994, p. S48
		Jain, "Image Coding Via a Nearest Neighbors Image Model," IEEE Transactions on Communications, vol. COM-23, No. 3, Mar. 1975, pp. 318-331.
		JPEG Group's JPEG Software (release 4), FTP.CSUA.BERKELEY.EDU/PUB/CYPHERPUNKS/APPLICATIONS/JSTEG/JPEG.ANNOUNCEMENT.GZ, Jun. 7, 1993, 2 pages.
		Kassam, Signal Detection in Non-Gaussian Noise, Dowden & Culver, 1988, pp. 1-96.
		Kawaguchi, et al., "Principle and Applications of BPCS-Steganography," Proc. SPIE Vol. 3258: Multimedia Systems and Applications, 2-4 Nov. 1998, pp. 464-473.
		Koch, et al., "Copyright Protection for Multimedia Data," Fraunhofer Institute for Computer Graphics, Dec. 16, 1994, 15 pages.
		Koch, et al., "Towards Robust and Hidden Image Copyright Labeling," Proc. of 1995 IEEE Workshop on Nonlinear Signal and Image Processing, Jun. 20-22, 1995 4 pages.
		Komatsu et al., "Authentication System Using Concealed Image in Telematics," Memoirs of the School of Science & Engineering, Waseda Univ., No. 52, 1988, pp. 45-60
		Komatsu, et al., "A Proposal on Digital Watermarking in Document Image Communication and Its Application to Realizing a Signature," Electronics and Communications in Japan, Part I, Vol., 73, No.5, 1990, pp. 22-23.
		Kundur et al., "A Robust Digital Image Watermarking Method and Wavelet-Based Fusion," IEEE July 1997, pages 544-547.
		Kurak et al., "A Cautionary Note On Image Downgrading," 1992 IEEE, pp. 153-159.
		Lamy, P. et al., "Content-Based Watermarking for Image Authentication," Proc. 3.sup.rd Int. Workshop on Information Hiding, Sep. Oct. 1999, pp. 187-198.
		Lin, C.-Y. et al., "Generating Robust Digital Signature for Image/Video Authentication," Proc. Multimedia and Security Workshop at ACM Multimedia '98, Sep. 1998, pp. 49-54.
		Lin, C.-Y. et al., "Issues and Solutions for Authenticating MPEG Video," Proc. SPIE vol. 3657: Security and Watermarking of Multimedia Contents, Jan. 1999, pp. 54-65.
		Luc, "Analysis of Spread Spectrum System Parameters for Design of Hidden Transmission," Radioengineering, vol. 4, No. 2, Jun. 1995, pp. 26-29.
		Machado, "Announcing Stego 1.0a2, The First Steganography Tool for the Macintosh," Internet reference, Nov. 28, 1993, 3 pages.
		Macq, "Cryptology for Digital TV Broadcasting," Proceedings of the IEEE, vol. 83, No. 6, Jun. 1995, pp. 944-957.
		Matsui et al., "Embedding a Signature to Pictures under Wavelet Transformation," Transactions of the Institute of Electronics Information and Communication Engineers D-II, vol. J79D-II, No. 6, Jun., 1996, pp. 1017-1024.
		Matsui et al., "Video-Steganography: How to Secretly Embed a Signature in a Picture," IMA Intellectual Property Project Proceedings, Jan. 1995, vol. 1, Issue 1, pp. 187-205.

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		Matthews, "When Seeing is Not Believing," New Scientist, Oct. 16, 1993, pp. 13-15.
		Meerwald et al., "A Survey of wavelet-Domain Watermarking Algorithms," Proc. Of SPIE vol. 4314 (2001), pp.505-516.
		Mintzer et al., "Safeguarding Digital library Contents and Users" Digital watermarking," D-Lib Magazine, December 1997: ISSN 1082-9873
		Moller, et al., "Rechnergestutzte Steganographie: Wie sie Funktioniert und warum folglich jede Reglementierung von Verschlüsselung unsinnig ist," DuD, Datenschutz und Datensicherung, 18/6 (1994) 318-326.
		Nakamura et al., "A Unified Coding Method of Dithered Image and Text Data Using Micropatterns," Electronics and Communications in Japan, Part 1, vol. 72, Nov. 4, 1989, pp. 50-56.
		Nakamura et al., "A Unified Coding Method of Image and Text Data Using Discrete Orthogonal Transform," Systems and Computers in Japan, vol. 21, No. 3, 1990, pp. 87-92.
		Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed April 14, 2009
		Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed August 8, 2007
		Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed March 10, 2006
		Non-Final Rejection, U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004, mailed August 10, 2005
		O'Ranaidh et al., "Rotation, Scale and Translation Invariant Digital Image Watermarking," submitted to Signal Processing, Aug. 21, 1997, pp. 2-19.
		O'Ruanaidh et al., "Rotation, Scale and translation Invariant Digital Image Watermarking," Int. Conf. on Image Proc., Oct. 1997 IEEE, pp. 536-539.
		O'Ruanaidh et al., "Rotation, Scale and Translation Invariant Spread Spectrum Digital Image Watermarking," Signal Processing 66, May 1, 1998, pp. 303-317.
		O'Ruanaidh, et al., Phase Watermarking of Digital Images. Proc ICIP-96, Lausanne, Switzerland, Sep. 16-19, 1996. p.239-242.
		October 18, 2007 Communication from the European Patent Office in Application No. EP 02 805 980.6.
		Office Action dated 5/13/08, from Application No. 10/677,092, 5 pages.
		Ohnishi et al., Embedding a Seal into a Picture Under Orthogonal Wavelet Transform, Proceedings of Multimedia '96, 1996, IEEE, pp.514-521.
		Palmer, " The Bar Code Book", Third Edition, Helmers Publishing, Inc., 1995 (Contents & Index)
		PCT - INTERNATIONAL SEARCH REPORT for International Application No. PCT/USO2/41644, mailed on 30 May 2003
		PCT - INTERNATIONAL SEARCH REPORT for International Application No. PCT/USO2/41681, mailed on 05 JUN 2003
		PCT - NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION, for International Application No. PCT/USO2/41644, mailed on 30 May 2003
		PCT - NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION, for International Application No. PCT/USO2/41681, mailed on 05 JUN 2003
		PCT Written Opinion for International Application No. PCT/US01/50843, mailed 18 March 2004. All references cited in this PCT written Opinion were already of record in the U.S. equivalent of this International Application, but are listed herein and copies are provided herein.
		PCT--International Search Report for International Application No. PCT/US02/41320
		PCT--Notification of Transmittal of the International Search Report or the Declaration, for International Application No. PCT/US02/41320, mailed on Jul. 28, 2003.
		Pennebaker et al., JPEG Still Image Data Compression Standard, Chapter 3, "Aspects of the Human Visual System," pp. 23-27, 1993 Van Nostrand Reinhold, New York.

OTHER PRIORITY ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		Pereira et al, "Template Based Recovery of Fourier-Based Watermarks Using Log-polar and Log-log Maps", 1999, IEEE, pp.870-874.
		Pitas et al., "Applying Signatures on Digital Images," IEEE Workshop on Nonlinear and Signal Processing, Neos Marmaras, Greece, pp. 460-463, Jun., 1995.
		Plastics Technology, "Laser Marking Has a Bright Future in Plastics," http://www.plasticstechnology.com/articles/200108fa1.html , 8/01, 5 pages
		Port, "halting Highway Robbery on the Internet," Business Week, Oct. 17, 1994, p. 212.
		Printed copy of a PolyOne company web page for FAST MARK colorants, 2 printed pages, printed on 15 December 2003 and accessed from: http://www.polyone.com/bizunit/bizunit_info.asp?ID1={4D07B4ED-C098-43E4-B802-21413A1FA74C}&ID2={8C29FDCA-7C9E-433E-897A-DB6354A01CAA}&ID3={00000000-0000-0000-0000-000000000000}&ID4={FE3434DA-7FA0-4FFF-99AF-CDD99EC16AE1}&bizUnit=NA-P-CM&line=&sub=none
		Rindfrey, "Towards an Equitable System for Access Control and Copyright Protection in Broadcast Image Services: The Equicrypt Approach," Intellectual Property Rights and New Technologies, Proc. of the Conference, R. Oldenbourg Verlag Wien Munchen 1995, 12 pages.
		Roberts, "Picture Coding Using Pseudorandom Noise," IRE Trans. On Information Theory, Vol. 8, No. 2, Feb., 1962, pp. 145-154.
		Sandford II, et al., "The Data Embedding Method," SPIE vol. 2615, Oct. 23, 1995, pp. 226-259.
		Santroprene, "Add Value to Your TPEs with Special Effects," not dated, 12 pages
		Sapwater et al., "Electronic Copyright Protection," PHOTO>Electronic Imaging, vol. 37, No. 6, 1994, pp. 16-21.
		Schneider, M. "A Robust Content Based Digital Signature for Image Authentication," IEEE Proc. Int. Conf. on Image Processing, Sep. 1996, pp. 227-230 (vol. 3).
		Schneier, "Digital Signatures, Cryptographic Algorithms Can Create Nonforeable Signatures for Electronic Documents, Making Them Valid Legal Instruments" BYTE, No. 1993, pp. 309-312.
		Schreiber et al., "A Compatible High-Definition Television System Using the Noise-Margin Method of Hiding Enhancement Information," SMPTE Journal, Dec. 1989, pp. 873-879.
		Search reportPCT/US03/32886, mailed March 30, 2004.
		shaggy@phantom.com, "Hide and Seek v. 4.0," Internet reference, Apr. 10, 1994, 3 pages.
		Sharma et al., "Practical Challenges for Digital Watermarking Applications", May 3, 2001, pp. 1-10
		Sheng et al., "Experiments on Pattern Recognition Using Invariant Fourier-Mellin Descriptors," Journal of Optical Society of America, vol. 3, No. 6, Jun., 1986, pp. 771-776.
		Short, "Steps Toward Unmasking Secure Communications," International Journal of Bifurcation and Chaos, Vol. 4, 1994, pp. 959-977.
		Simmons, "Subliminal Channels; Past and Present," ETT, vol. 5 No. 4, Jul.-Aug. 1994, pp. 45-59.
		Supplemental European Search Report dated 7/20/06, from EP Application No. 02805980 (Corresponding to PCT/US02/41681; Published as WO03/056507).
		Szepanski, "A Signal Theoretic Method For Creating Forgery-Proof Documents For Automatic Verification", 1979 Carnahan Conference on Crime Countermeasures, University of Kentucky, Lexington, Kentucky, May 16-18, 1979, pp. 101-109.
		Szepanski, "Additive Binary Data Transmission for Video Signals," Papers Presented at Conf. Of Comm. Engineering Soc. Sept. 30 - Oct. 3, 1980, Technical Reports Vol. 74, 342-352.
		Tanaka et al., "A Visual Retrieval System with Private Information for Image Database," Proceeding International Conference on DSP Applications and Technology, Oct. 1991, pp. 415-421.
		Tanaka et al., "Embedding Secret Information into a Dithered Multi-Level Image," Proc. IEEE Military Comm. Conf., Sep. 1990, pp. 216-220.
		Tanaka et al., "New Integrated Coding Schemes for Computer-Aided Facsimile," Proc. IEEE, Int'l Conf. on Sys.

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		Integration, Apr. 1990, pp. 275-281.
		Tanaka, "Embedding the Attribute Information Into a Dithered Image," Systems and Computers in Japan, vol. 21, No. 7, 1990, pp. 43-50.
		Tirkel et al., "Electronic Water Mark," DICTA-93, Macquarie University, Sydney, Australia, Dec., 1993, pp. 666-673.
		Toga et al., "Registration Revisited," Journal of Neuroscience Methods, 48 (1993), pp. 1-13.
		U.S. Patent Application 10/836,639, Bi et al., filed April 29, 2004
		US Patent Application No. 10/942,321, US Patent Office Communication dated August 4, 2006, 7 pages.
		van Schyndel et al., "A Digital Watermark," IEEE International Conference on Image Processing, Nov. 13-16, 1994, pp. 86-90.
		Van Schyndel et al., "Towards a Robust Digital Watermark," ACCV '95, vol. 2, December, 1995, pp. 504-508
		W. Rankl and W. Effing, "Smart Card Hand Book" 1997, John Wiley & Sons, pp. 35-40.
		Wagner, "Fingerprinting," 1983 IEEE, pp. 18-22.
		Walton, "Image Authentication for a Slippery New Age," Dr. Dobb's Journal, Apr. 1995, pp. 18-26, 82-87.
		Weber et al., "Correlative Image Registration," Seminars in Nuclear Medicine, vol XXIV, No. 4, Oct., 1994, pp. 311-323.
		Wise, "The History of Copyright, Photographers' Rights Span Three Centuries," PHOTO>Electronic Imaging, vol. 37, No. 6, 1994.
		WO02/052499 search report, dated August 30, 2002
		WO02/052499 Written Opinion, dated March 18, 2004
		Xie, L. et al., "Secure MPEG Video Communications by Watermarking," Proc. Conf. of ATIRP (Advanced Telecommunications and Information Distribution Research Project), Feb. 1999, pp.459-462.
		Yeung et al., "Digital Watermarks: Shedding Light on the Invisible," Nov.-Dec. 1998, IEEE Micro vol. 18, no. 6, pp. 32-41.

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.